

Fig. 1  
Prior Art

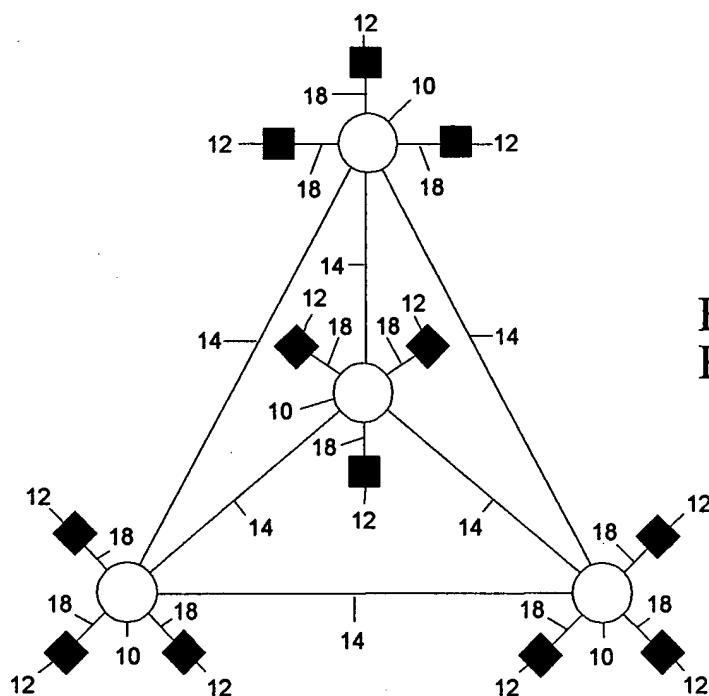
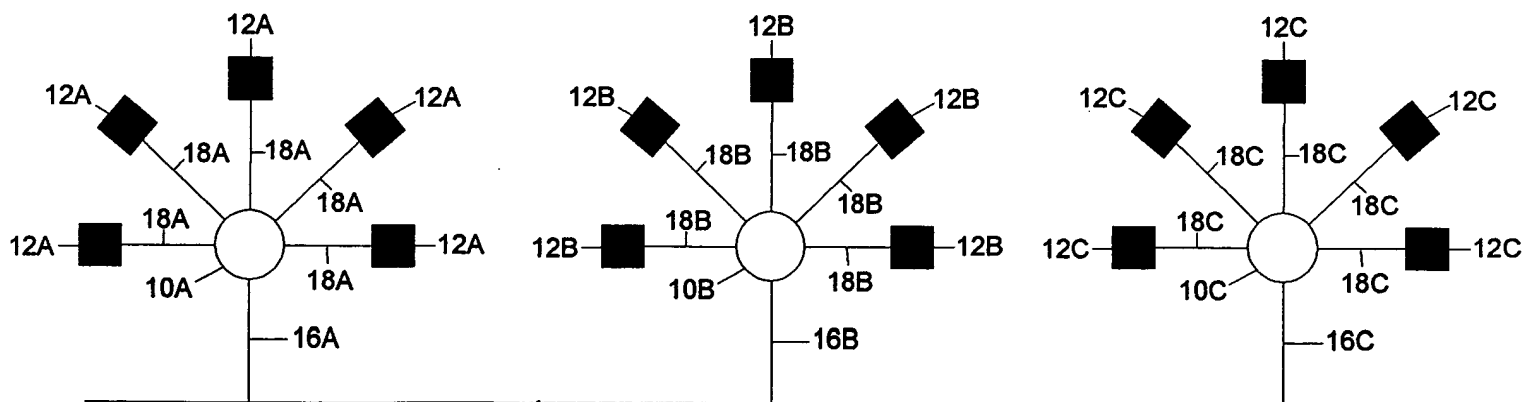


Fig. 2  
Prior Art



20

Fig. 3  
Prior Art

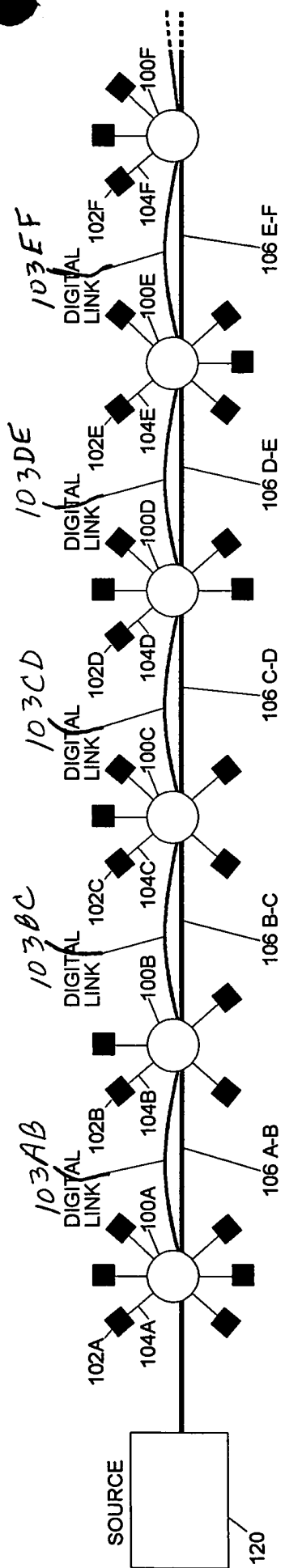
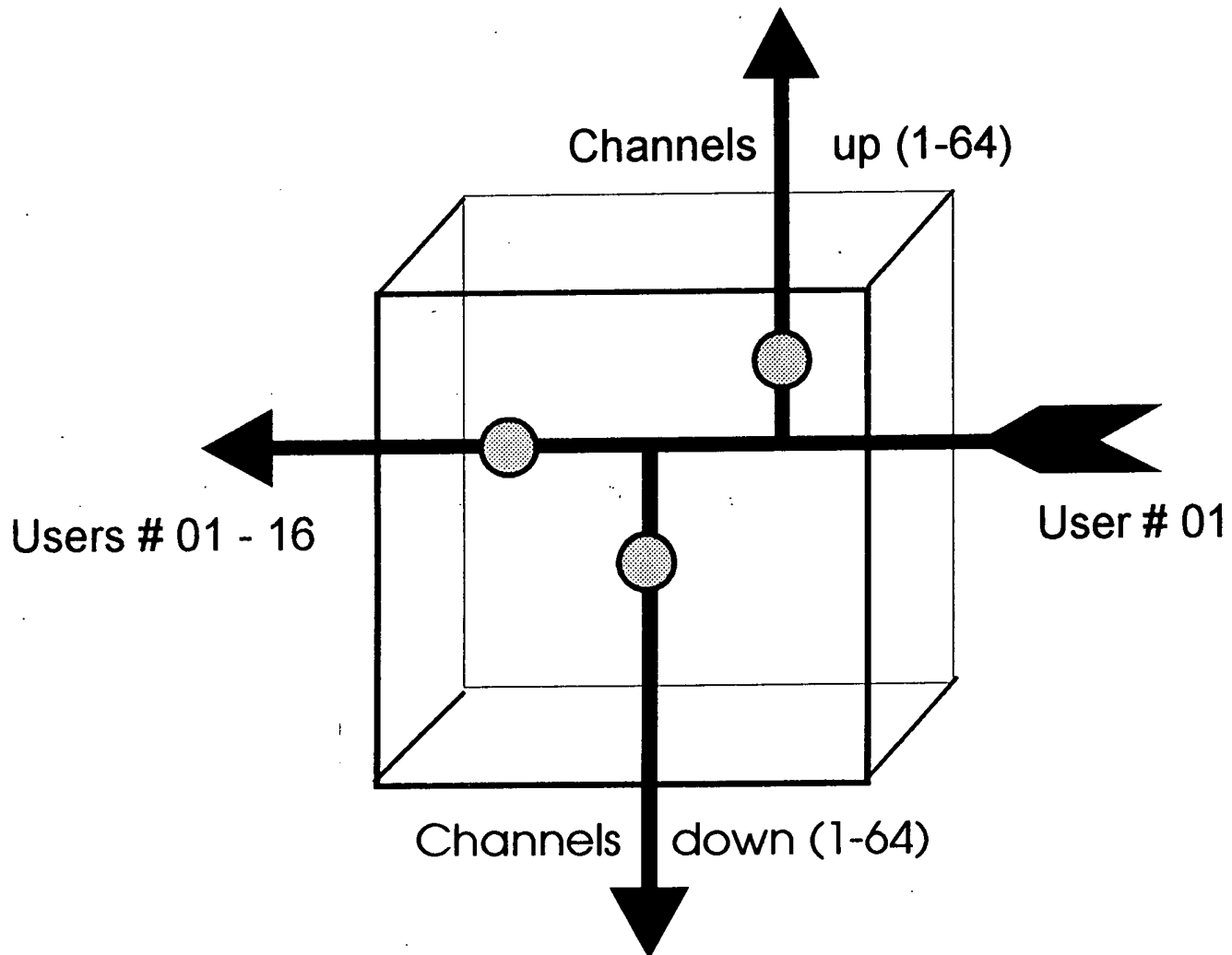


Fig. 4

# Principle of Channel Segmentation (Transmit mode - Tx)

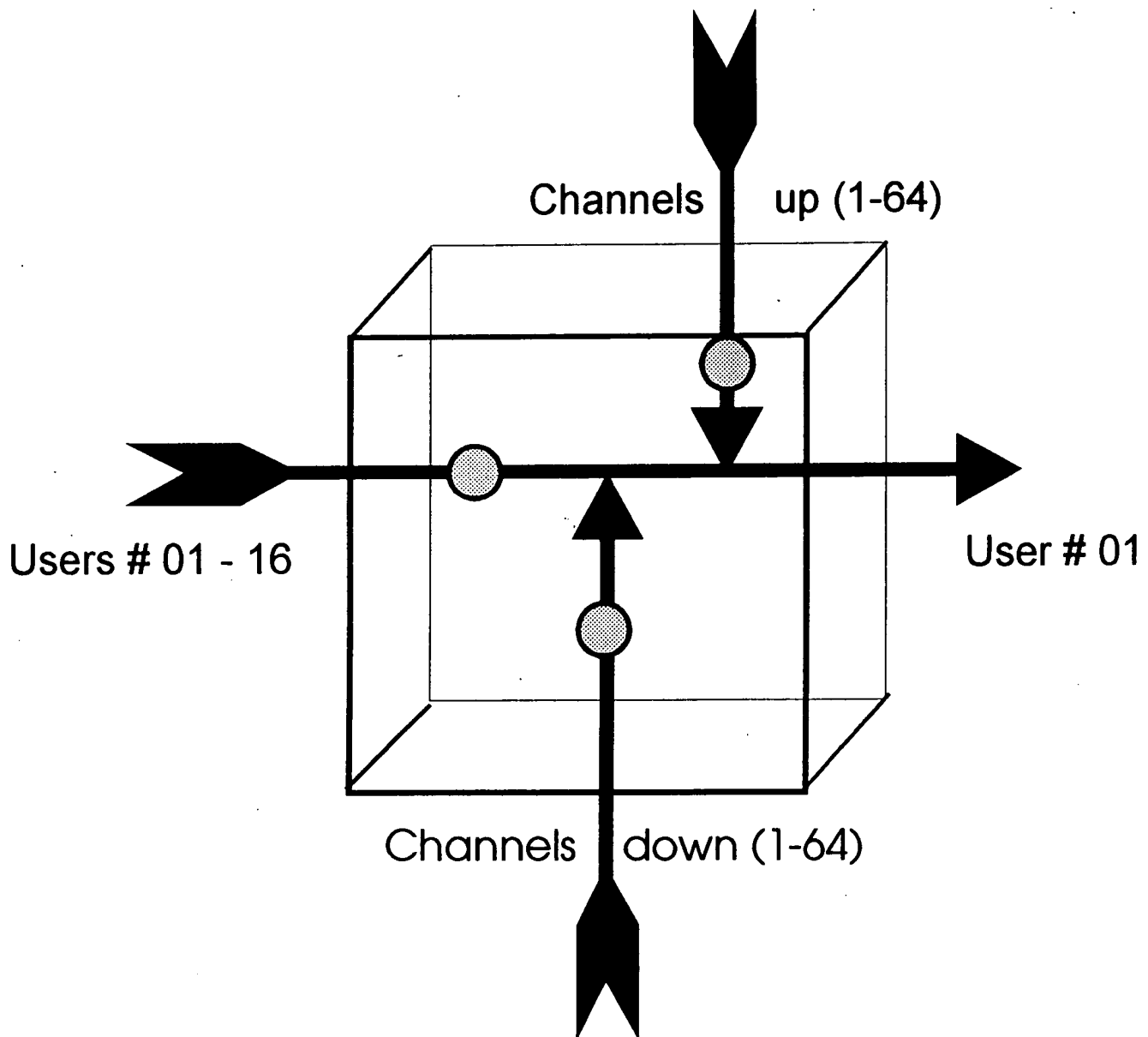


Digitally controlled analog switch (on/off)

Signal path may be interrupted to limit distribution over network at 3 points per crosspoint switch (up, down, across)

Fig. 5

# Principle of Channel Segmentation 140230 (Receive mode - Rx)



Digitally controlled analog switch (on/off)

Signal path may be interrupted to limit distribution over network at 3 points per crosspoint switch (up, down, across)

Fig. 6

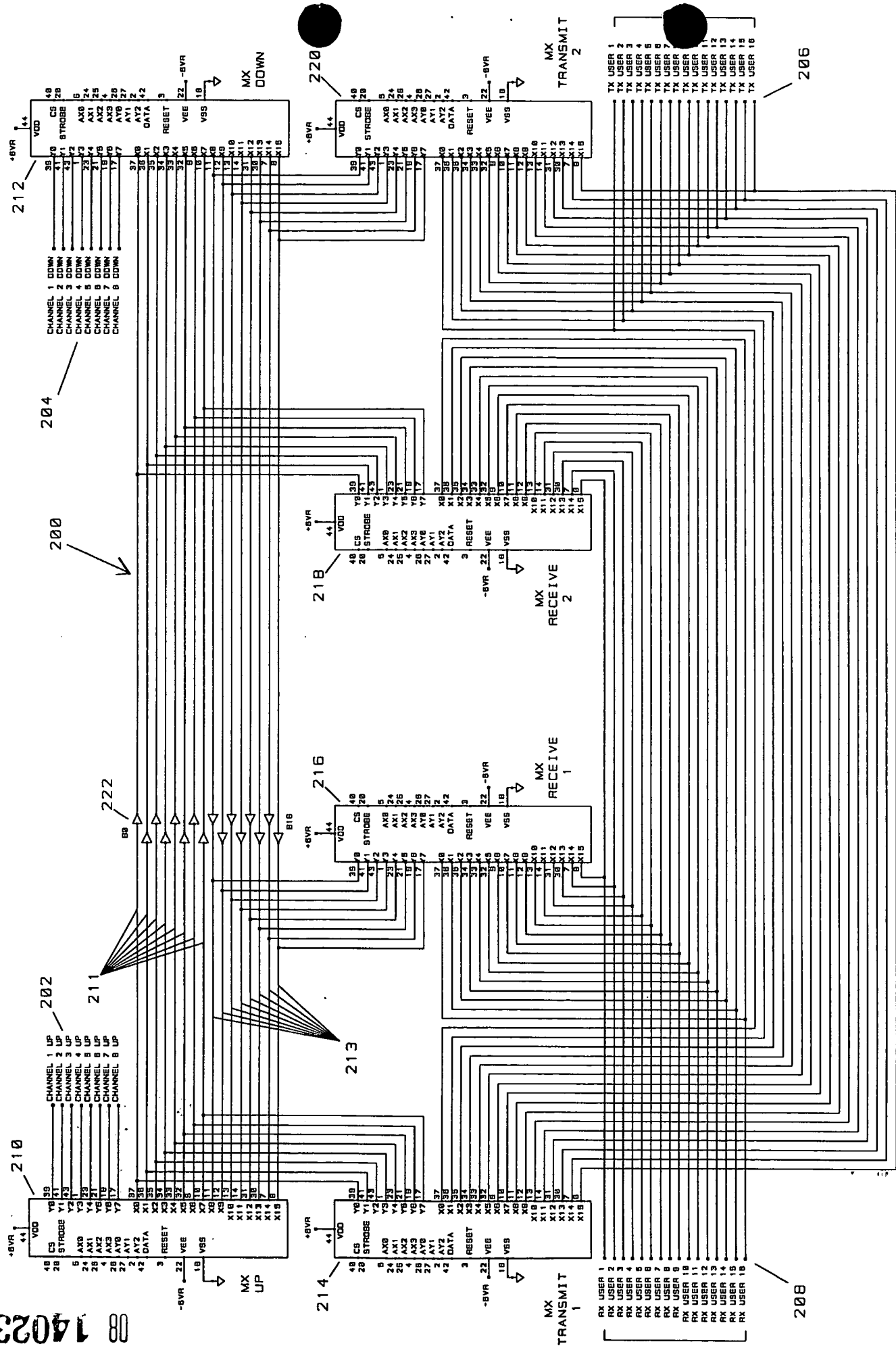


Fig. 7

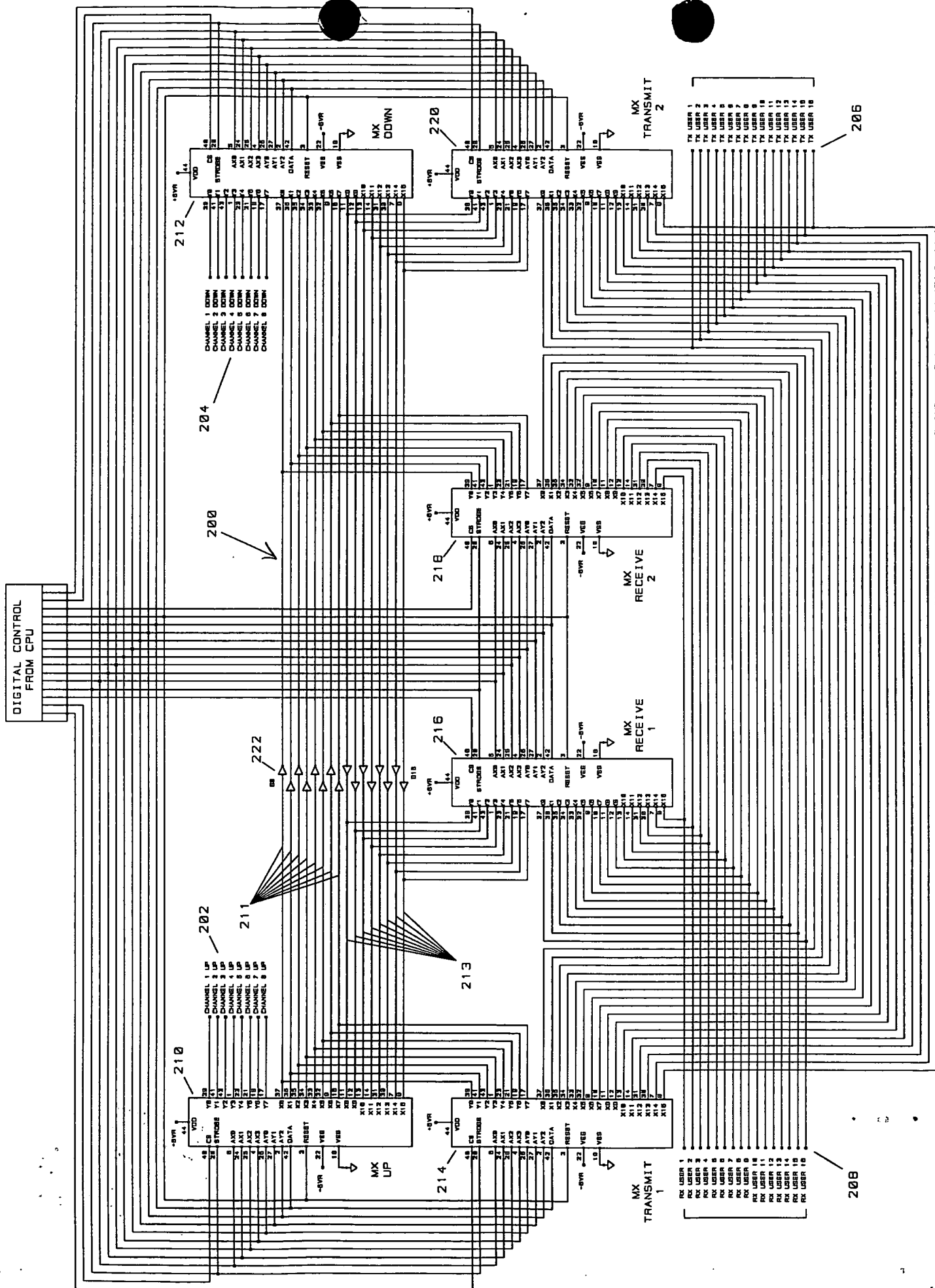


Fig. 7A

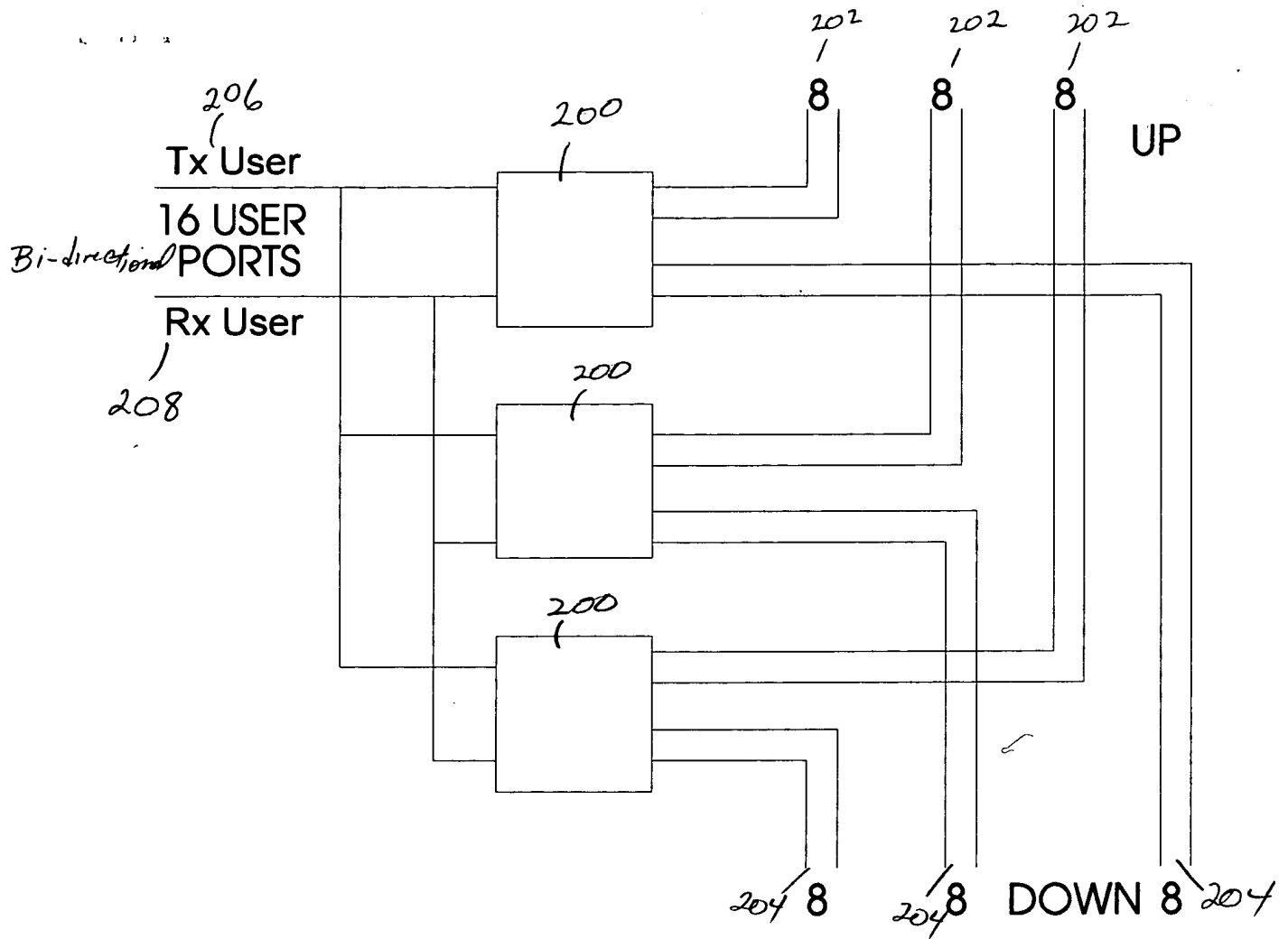


Fig. 8

TWISTED PAIR TERMINATION MODULE  
TRANSMISSION

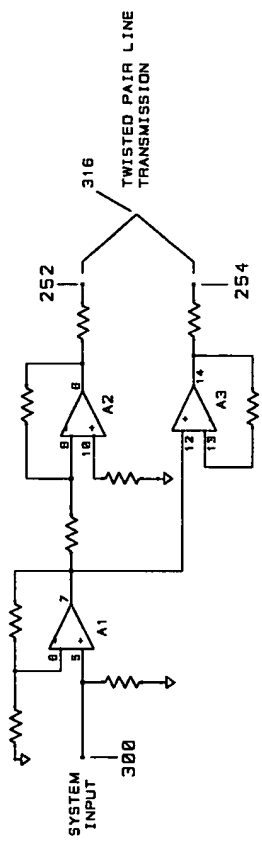


FIG. 9

TWISTED PAIR TERMINATION MODULE  
RECEPTION

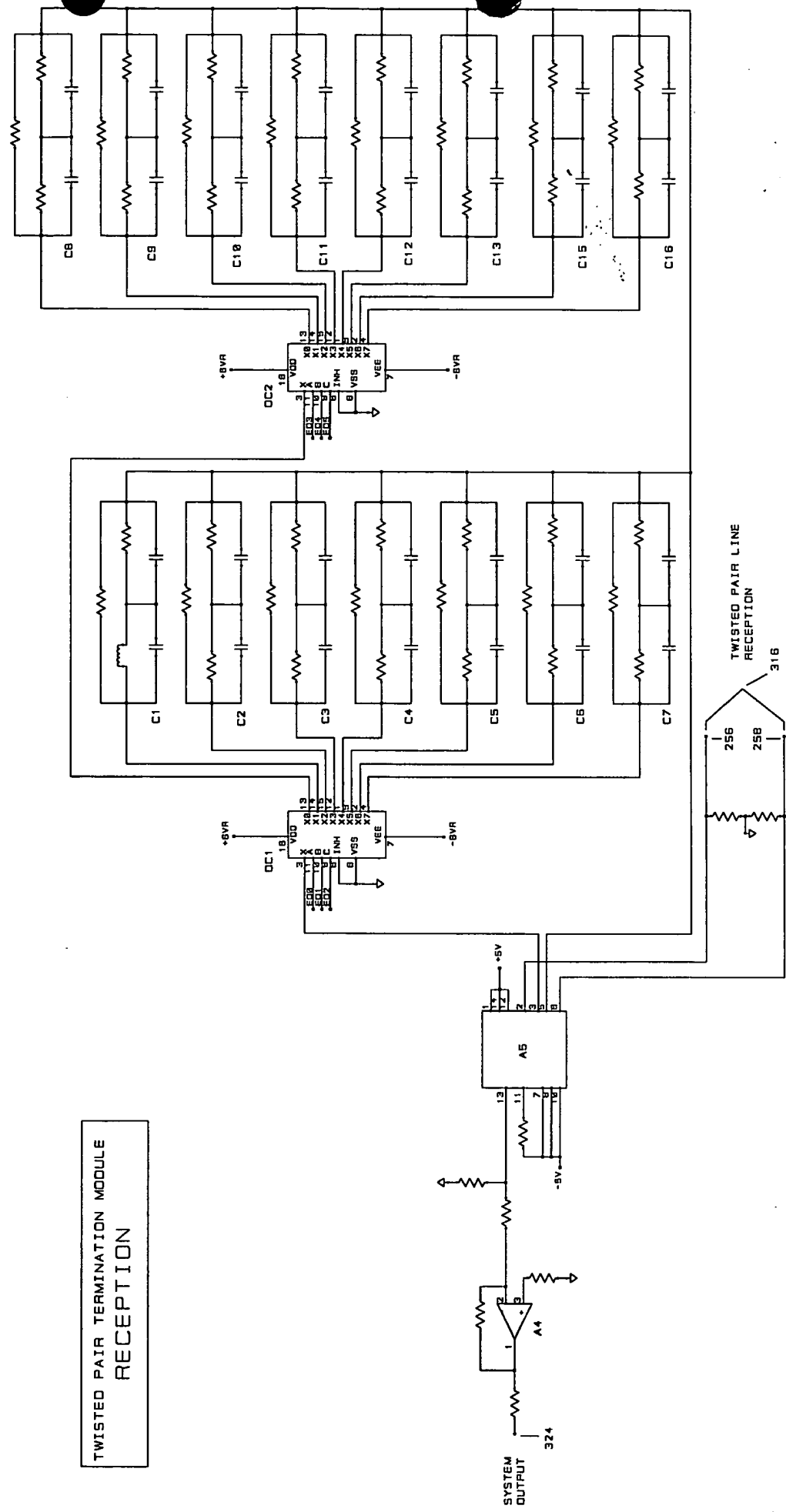


Fig. 10



# Twisted Pair Termination Module 08 140230

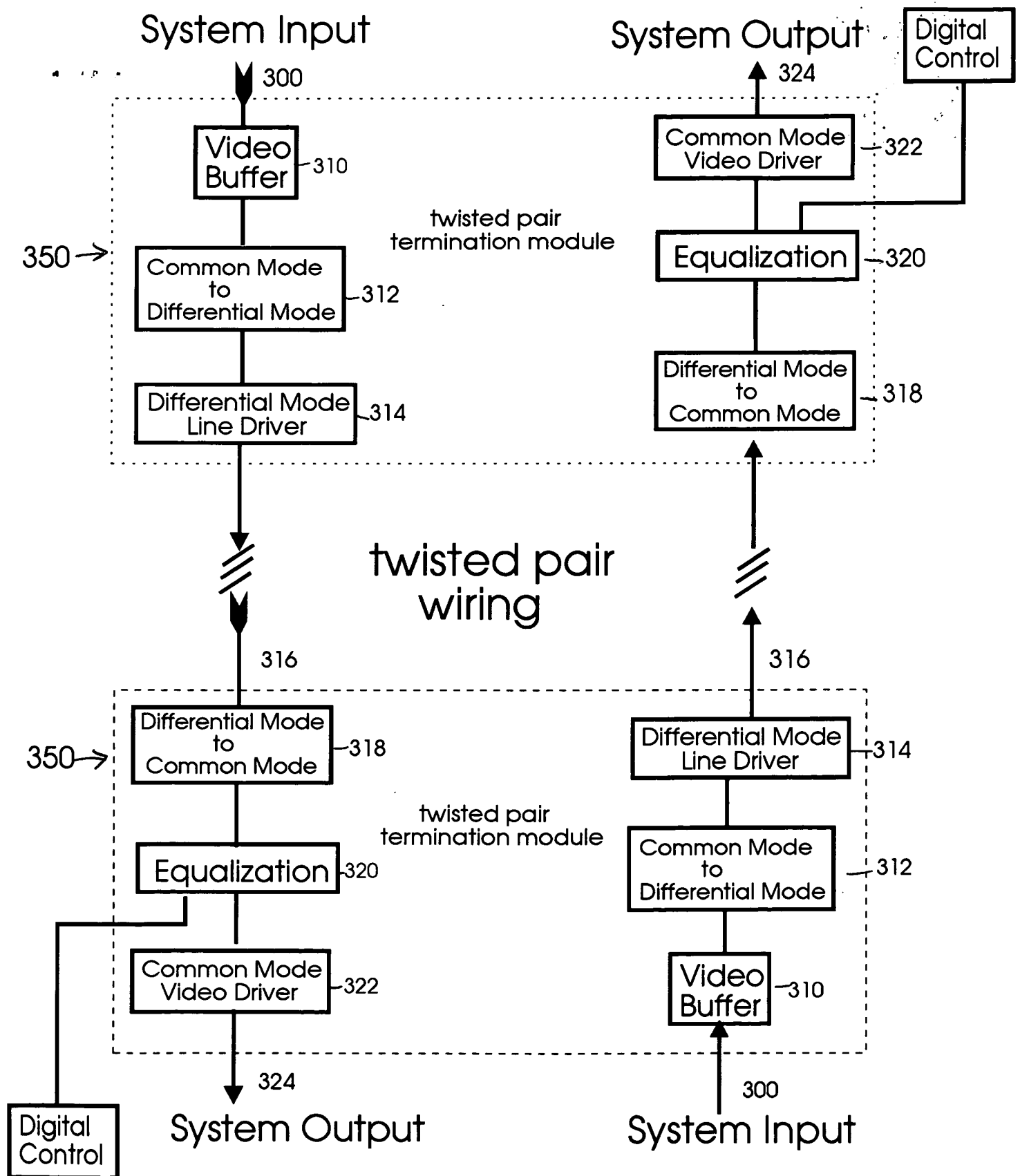


Figure 11



**Fig. 12**

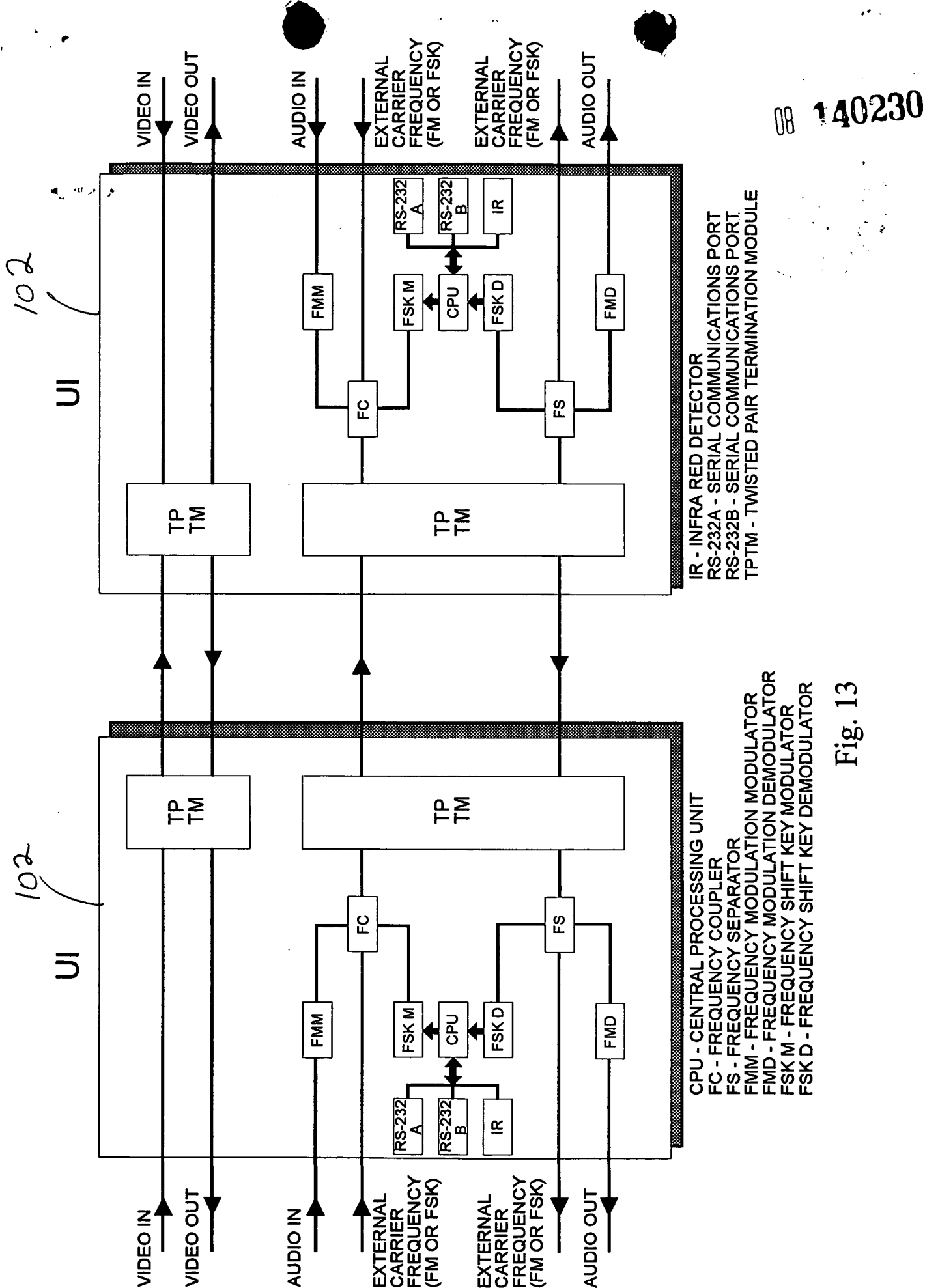


Fig. 13